

Washington State Broadband Office

Senate Economic Recovery Committee- Broadband Overview

Russ Elliott

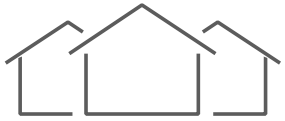
DIRECTOR, WASHINGTON STATE BROADBAND OFFICE

JULY 21, 2020

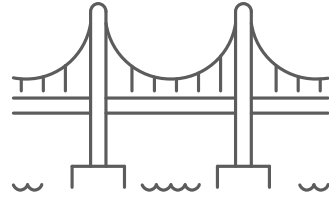


Washington State
Department of
Commerce

We strengthen communities



**HOUSING
HOMELESSNESS**



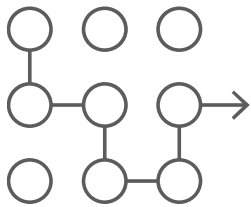
INFRASTRUCTURE



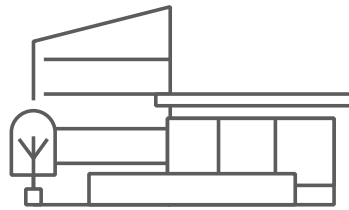
**BUSINESS
ASSISTANCE**



ENERGY



PLANNING



COMMUNITY FACILITIES



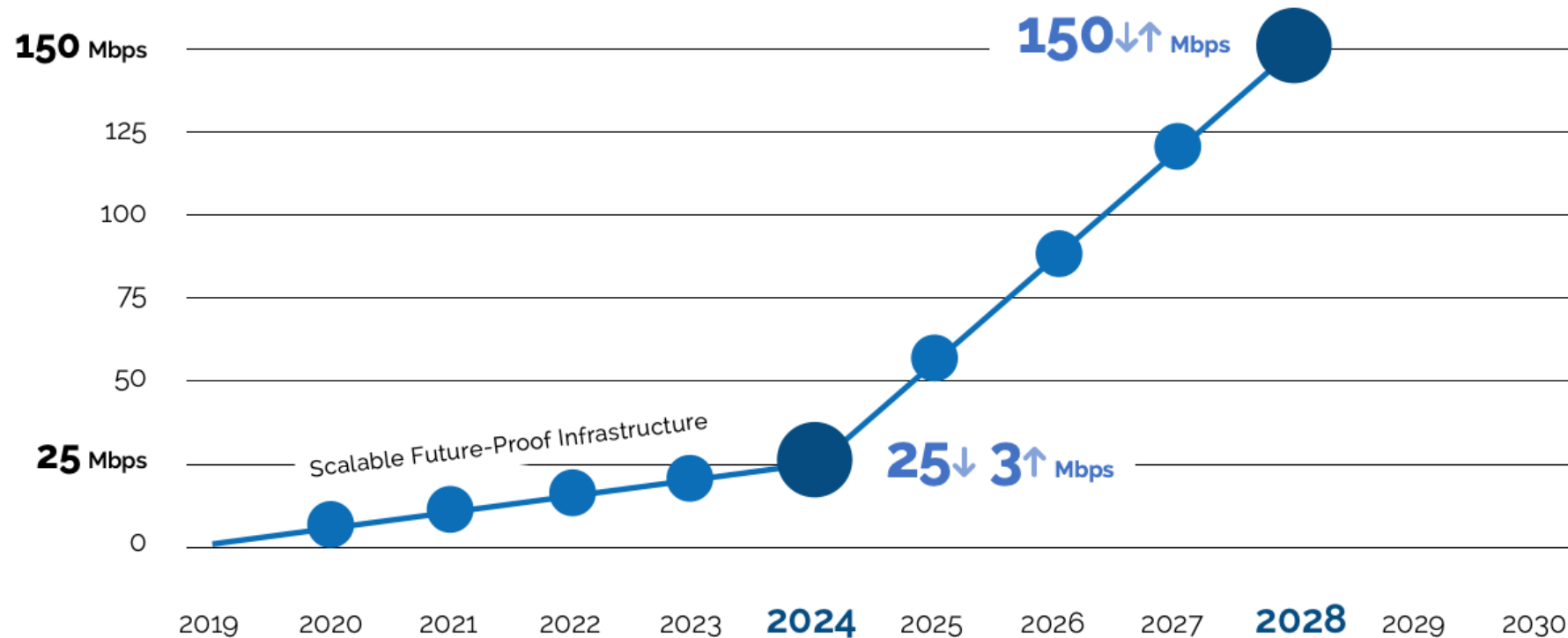
**CRIME VICTIMS &
PUBLIC SAFETY**



**COMMUNITY
SERVICES**

Citizens and Businesses

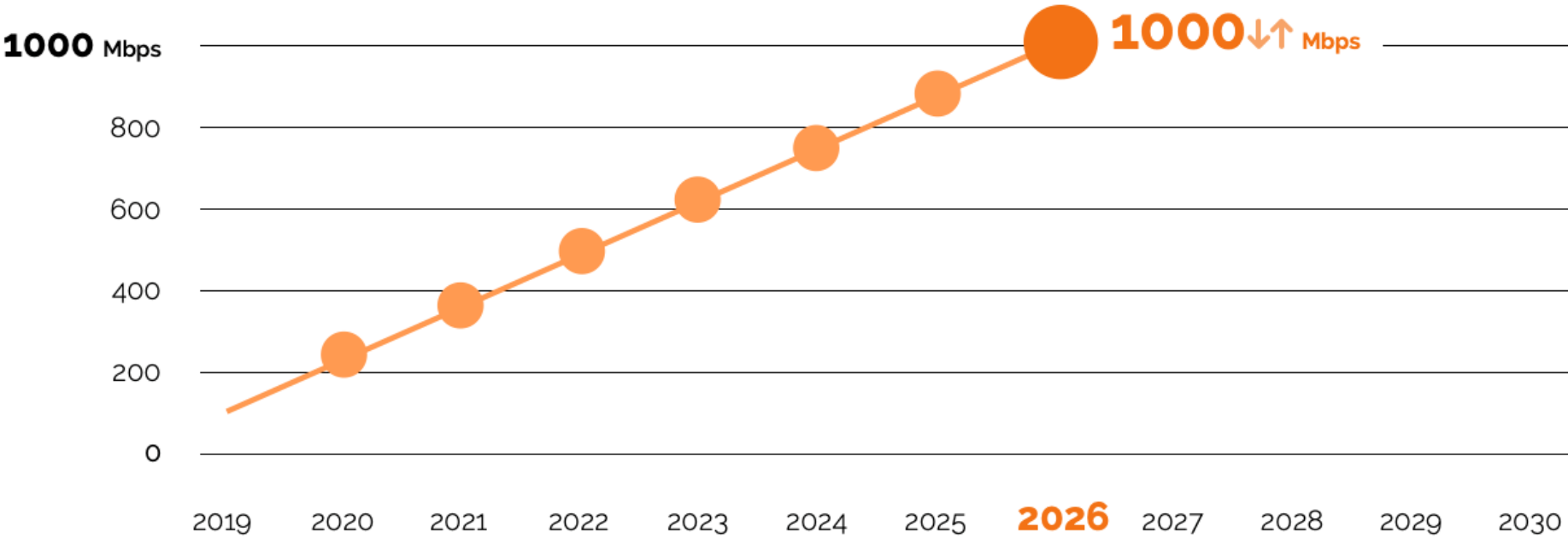
SB 5511



- 884,000 homes without fiber Est. \$2.5+B
- WSBO Plan, Policy
- PWB Programs
- UTC Evaluation

Anchor Institutions

SB 5511

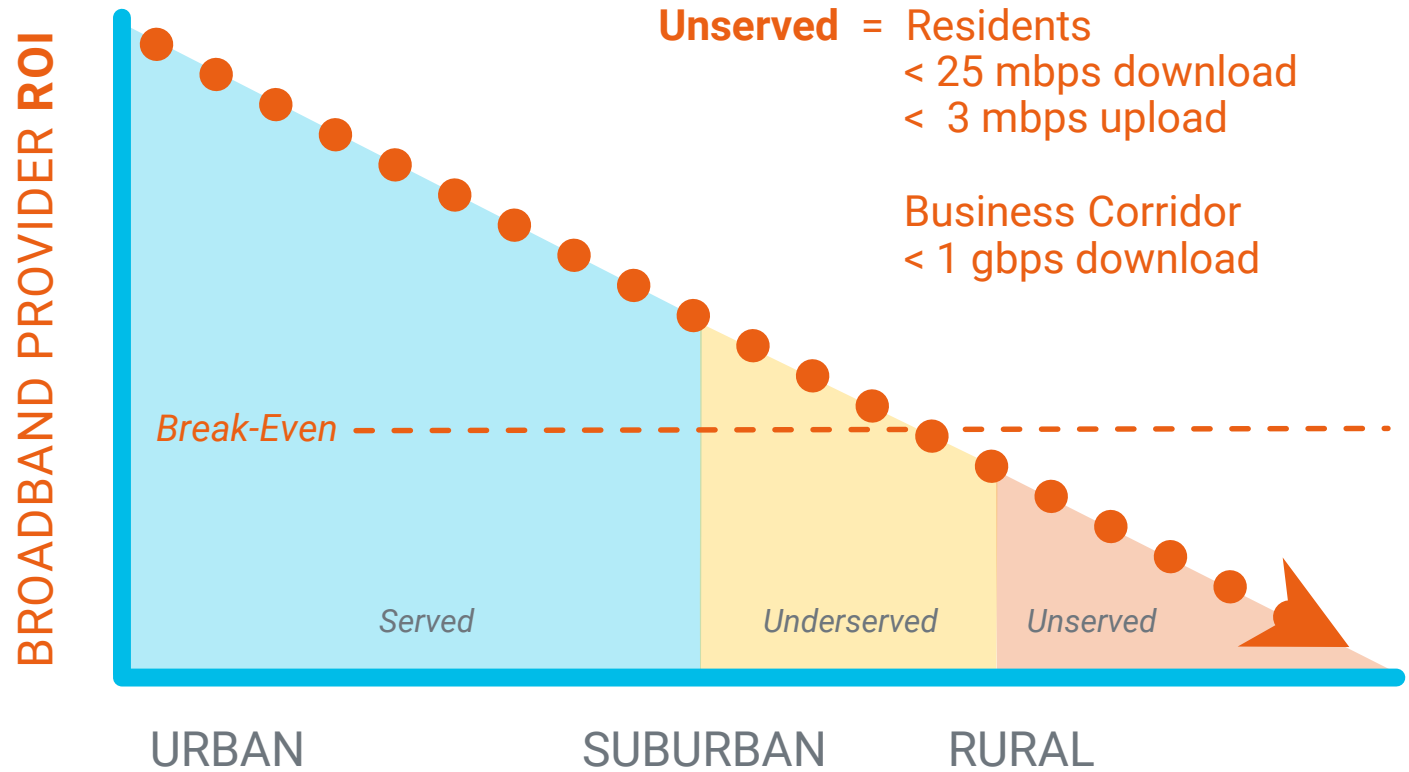


- Schools
- Libraries
- Health Care
- Public Safety
- Essential Services
- Industries
- Government

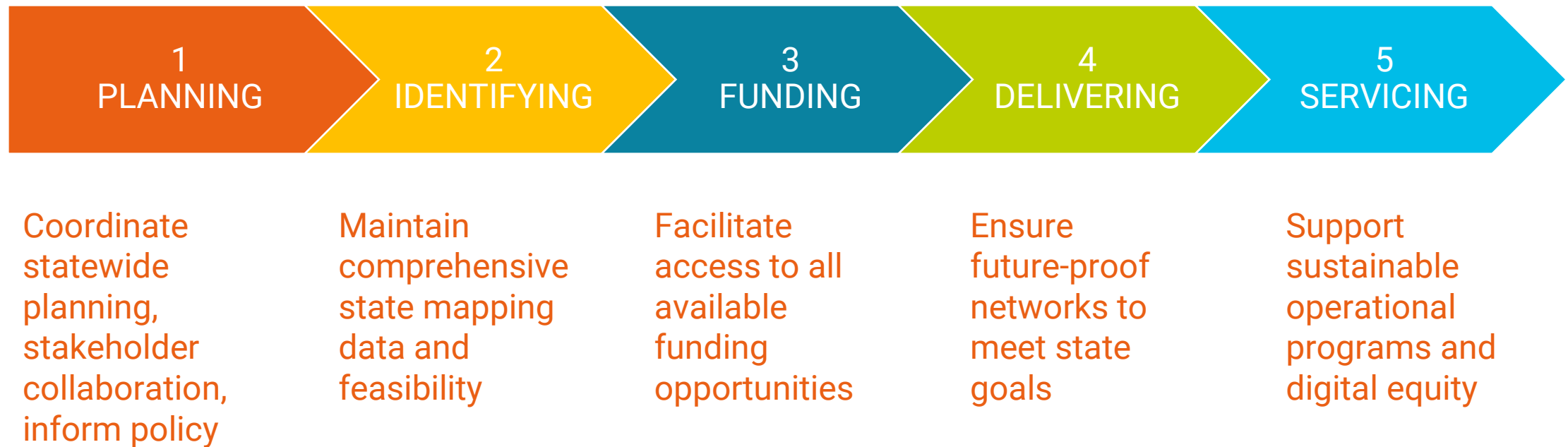
The Broadband Delivery CHALLENGE

Solutions

- USF
- State block grants from federal agencies
- Mapping to define areas
- Rallying communities to engage in conversation
- Policies supporting state broadband legislative directive
- Public-Private Partnership Cooperative model



Supporting the Broadband Delivery Lifecycle



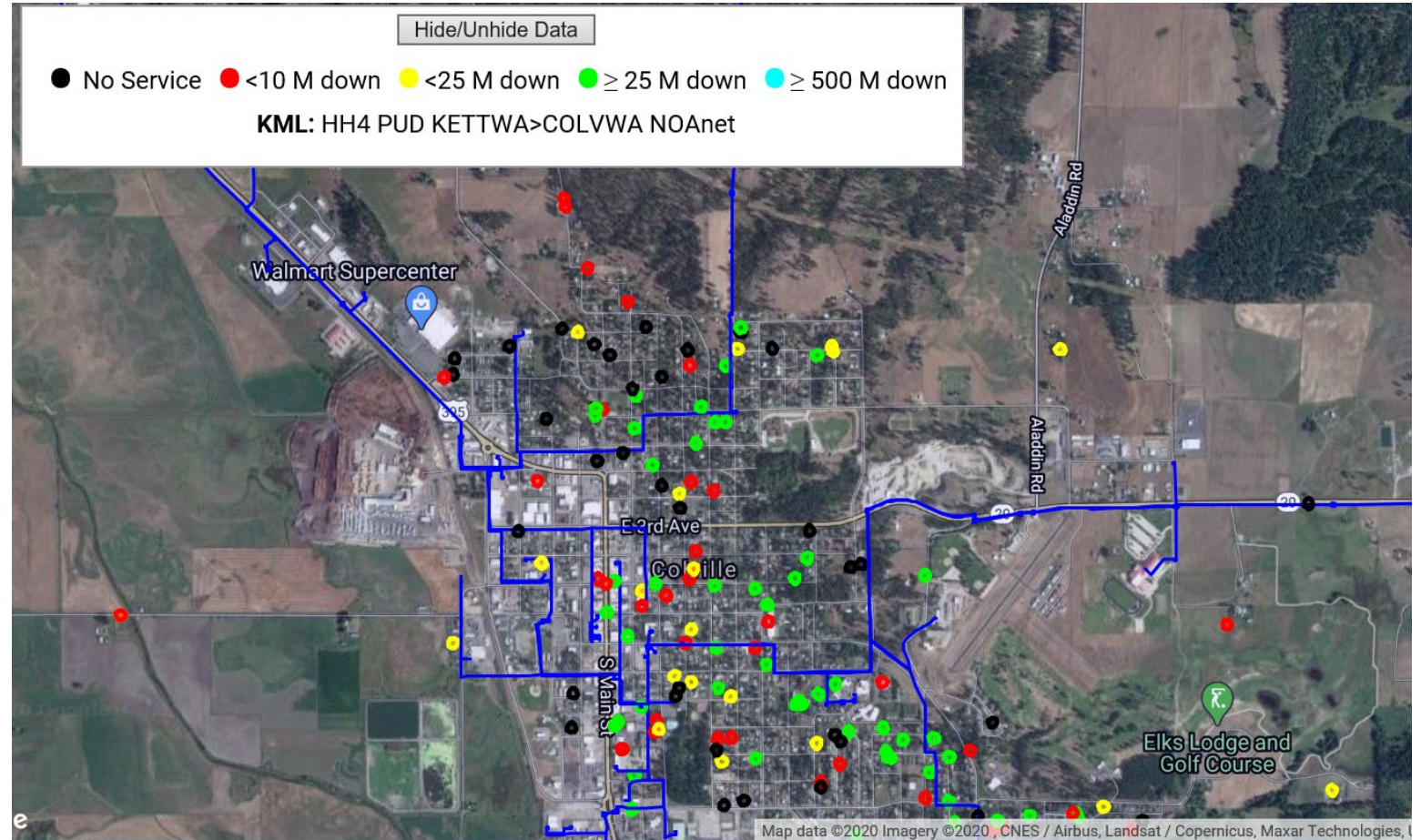
IDENTIFYING: Statewide Mapping Project

- Crowdsourced speed test data capture
- MLabs data
- FCC 477 data
- CAF II Award areas
- RDOF opportunity areas
- Incumbent Provider service territories
- Other Provider coverage areas
- Fiber infrastructure state of Washington
- State of Washington assets
- Federal assets
- EDA Zones
- Opportunity Zones
- Broadband funding awarded areas
- Type of infrastructure for last mile service
- WISPs and coverage areas
- PUD networks
- Port networks
- Rural Electric Authority
- State legislative districts
- Congressional districts
- Anchor institutions
- Tribal areas
- 2028 areas served at 150/150 Mbps
- NTIA mapping
- State projects in process
- *Additional data categories as available*

What Gets Measured Gets Done

Stevens County Mapping Project

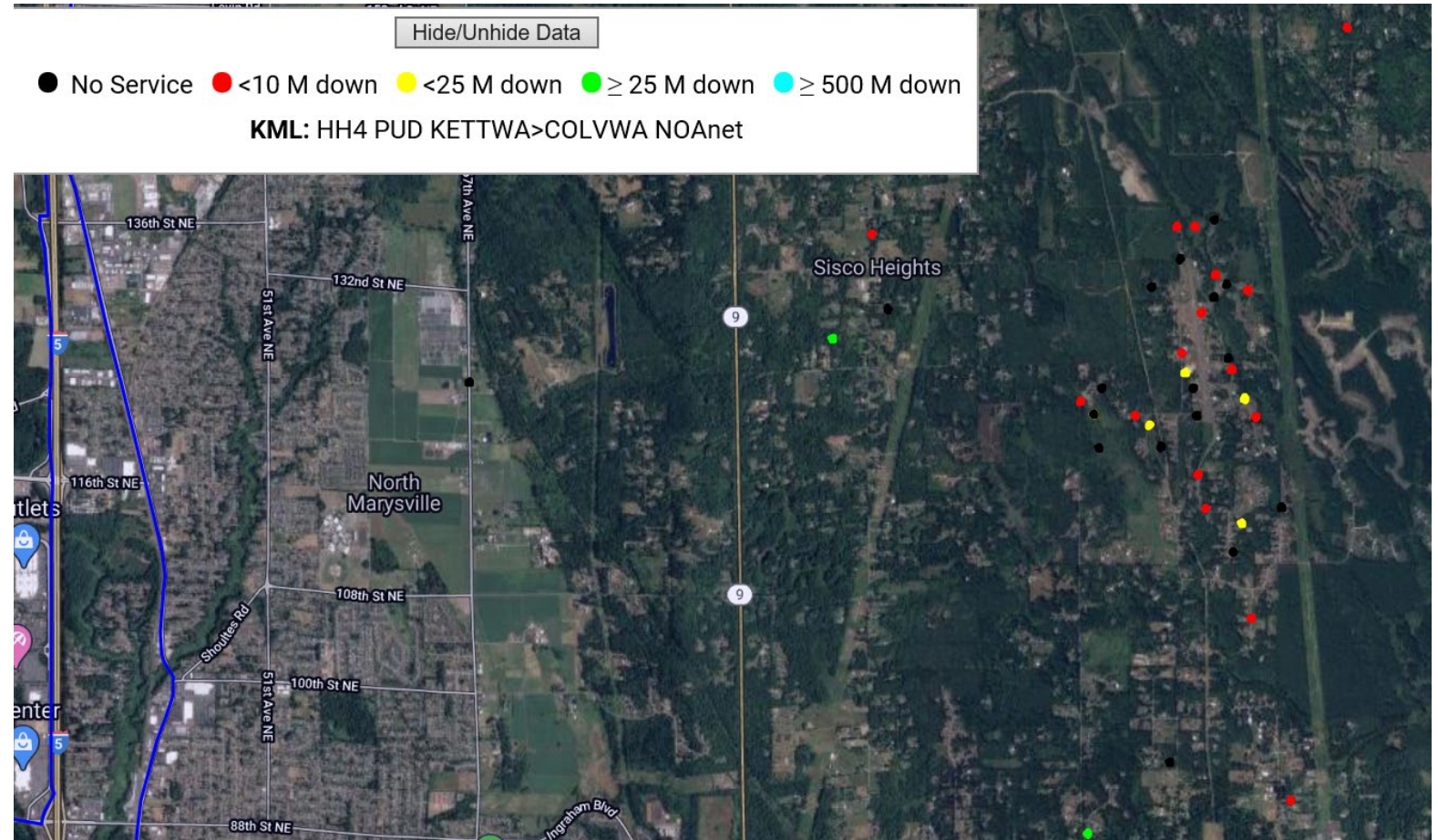
- Availability
- Providers
- Affordability

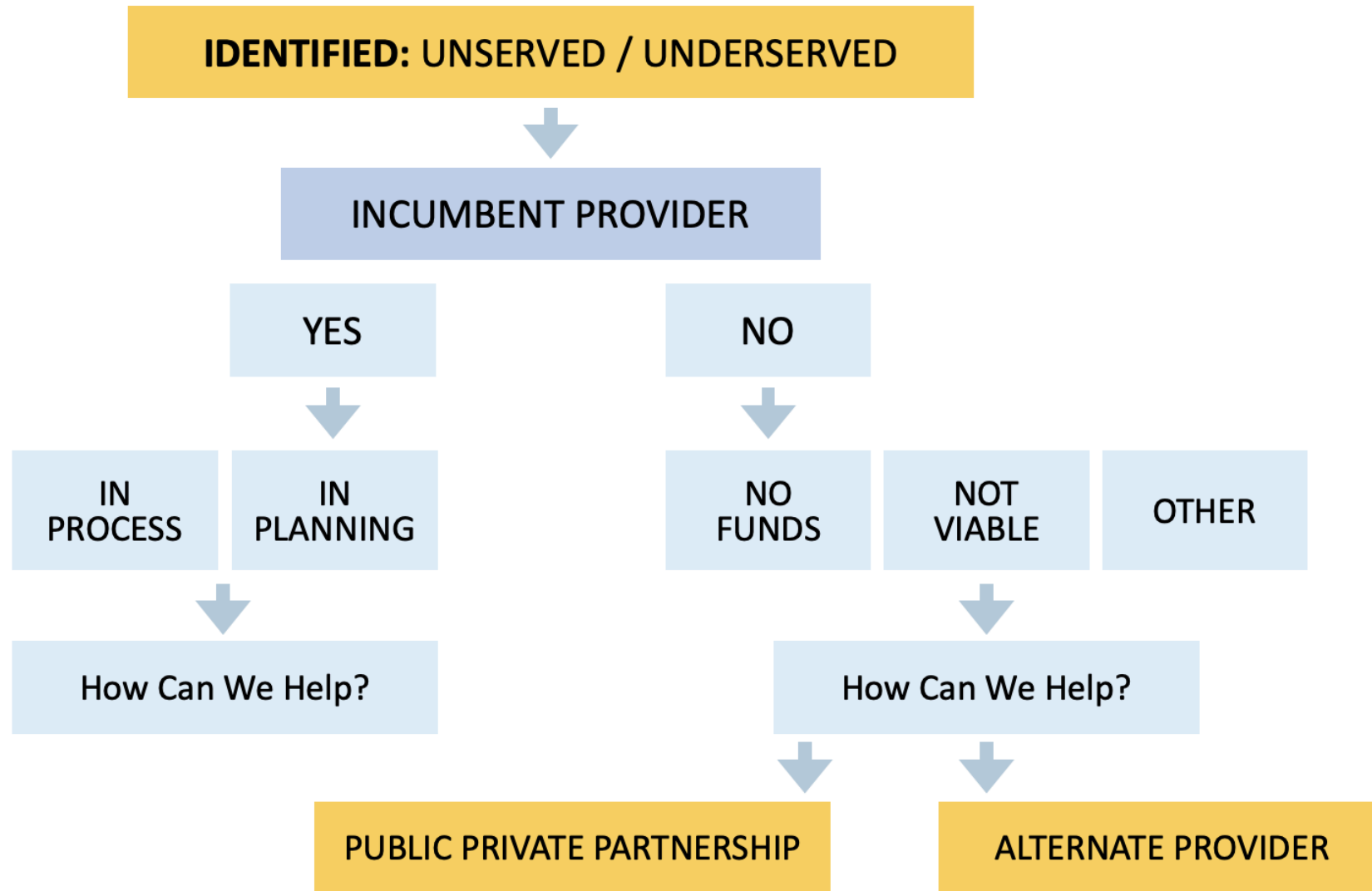


What Gets Measured Gets Done

Frontier Air Park Community Planning Example

- Statistically viable sample
- Quantifiable outcome
9 mbps down/ 2 mbps up
- Next step: find provider





Emerging Technologies

Ensuring Washington State is a friendly environment for technologically agnostic, affordable last mile solutions

Currently in discussions with:

- 5G Cellular
- Microsoft TV White Space/Airband
- SpaceX Starlink
- Amazon Kuiper
- Avista
- 2.5GHz EBS Educational Broadband Spectrum

FUNDING

- Become #1 State in the nation for receipt of federal funding
- 2020 federal funding windows closing
- FCC Rural Digital Opportunity Fund (*RDOF*) \$16B, \$4.4B
- USDA Rural Development Broadband *ReConnect* Loan and Grant Program \$550, \$600M
- Pending Stimulus
- FCC 2.5GHz Rural Tribal Window
- PWB Construction Cycle \$16+M
- USDA Distance Learning and Telemedicine \$50K-\$1M
- USDA Community Connect
- State Universal Service Fund
- Private / Undiscovered
- PWB Feasibility awarded \$50K
- 2019 PWB Feasibility awarded \$450K

Next Steps

How you can help - action items:

- Visit broadband.wa.gov and take the State Speed Test Survey
- Shovel ready projects identified and brought to the attention of WSBO
- Matching funds for federal opportunities
- Technical assistance

“What gets
measured gets
done!”
Thank you.

Russ Elliott

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Washington State
Department of
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